



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

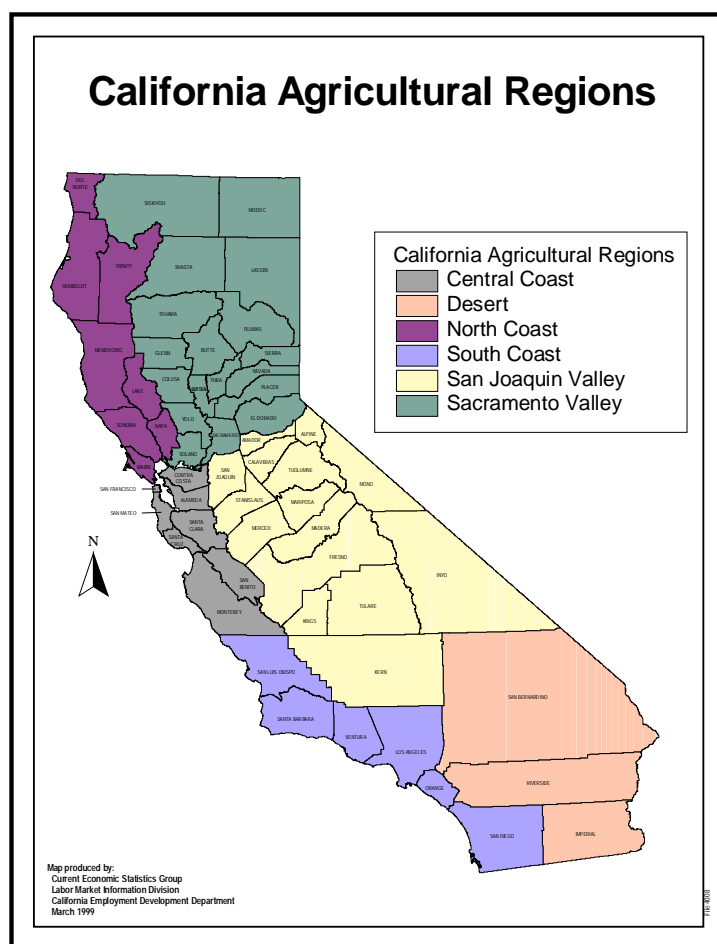
November 2001
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
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Summary

Employment

Total California agricultural employment for November 2001 decreased 68,200 jobs from the previous month for a loss of 17 percent. Total Agricultural Production decreased 41,900 jobs from October 2001 to November 2001, a loss of 18 percent. Agricultural Services decreased by 26,300 jobs, a loss of 14 percent. Decreases in both Agricultural Production and Agricultural Services are normal for the month of November. The change in California agricultural employment from October 2000 to November 2000 was a decrease of 63,400 jobs.

Grape crops registered the largest decline for the month with a decrease of 17,500 jobs. Farm Labor Contractors registered a significant loss with a decline of 15,100. Cotton crops posted the largest gain with an increase of 3,000 jobs. Total agricultural employment decreased 47 percent in the North Coast Region, 31 percent in the Sacramento Valley Region, 16 percent in the San Joaquin Valley Region, 13 percent in the Central Coast Region, and 13 percent in the South Coast Region. Agricultural employment increased six percent in the Desert Region.

Production and Crop Activity

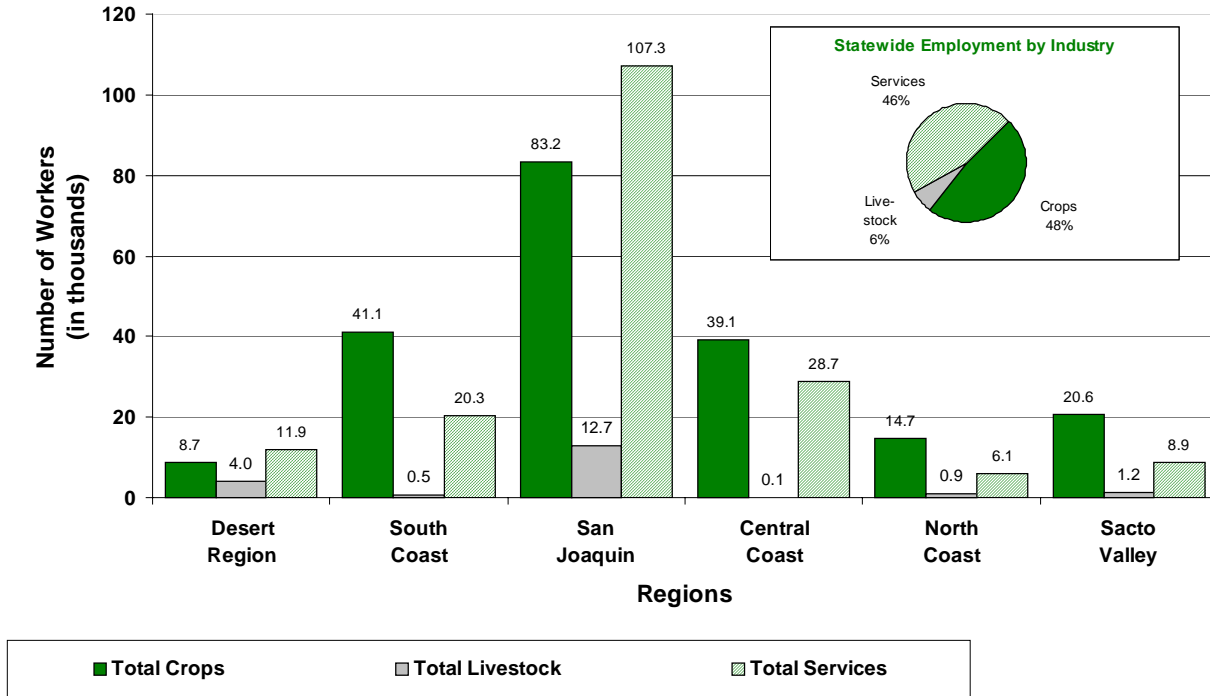
Cotton harvesting continued at a rapid pace through the early month but slowed in the latter half due to wet field conditions. Shredding and disking of harvested cotton fields were ongoing. Growers struggled to complete plowdown requirements before rain saturated the ground. Cutting, windrowing, and baling of Sudan and alfalfa were slowed by rain. Some new alfalfa fields were planted and treated for weed control. Ground preparation for small grain planting was delayed due to wet field conditions. Wheat and oats were planted in some prepared fields. Occasional fields of silage corn and black-eyed beans were still being harvested. The rice harvest was nearly complete with only a few unharvested fields remaining. Lettuce and broccoli fields were treated for worms and other insects. The harvesting of asparagus began in Southern California. Pumpkins and gourds were actively harvested in the San Joaquin Valley. Harvesting of head lettuce slowed in the Huron district and broccoli and sweet corn were harvested in limited quantities in the San Joaquin Valley. Red onions were planted and some fields were prepared for next year's tomato crop. Vegetables harvested, during the month, included basil, bok choy, cabbage, carrots, cauliflower, celery, cherry tomatoes, chili peppers, cilantro, cucumbers, green onions, mustard greens, okra, parsley, radishes, spinach, sugar peas, and banana, zucchini, and other winter squash.

Fruit growers were pruning, disking, and applying soil treatments to prepare the harvested orchards and vineyards for the approaching dormant season. Harvesting of table grapes in the San Joaquin Valley continued after the rain passed. Vines still bearing fruit were covered with plastic to protect them from the rain. Apple picking slowed. Pomegranate and persimmon harvesting continued. Olive harvesting continued in some areas at a reduced pace. The new crop navel orange harvest accelerated as maturity improved. Satsuma tangerines were harvested. Picking of Valencia oranges slowed while lemon picking was active in Southern California. Grapefruit harvesting slowed in Riverside County and the desert areas while Pummelo and Oroblanco grapefruit were actively harvested in the San Joaquin Valley. The almond and walnut harvests were completed. Pistachio Harvesting continued. Pecan growers prepared orchards for harvest.

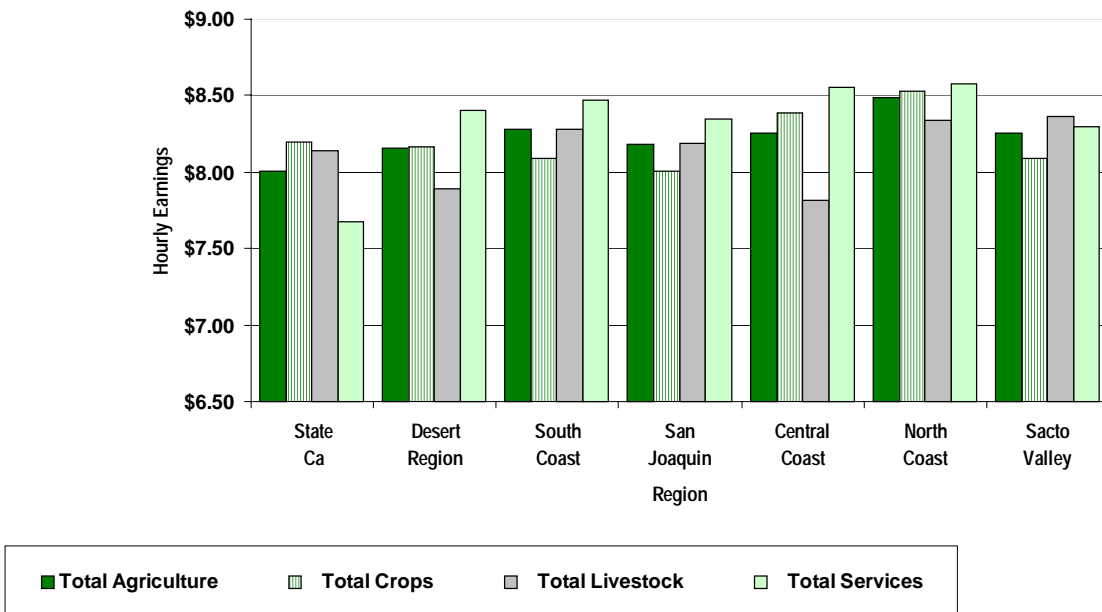
Supplemental feeding of cattle continued. Beekeepers in the central area prepared hives for winter.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	341.8	410.0	355.2
Total Agricultural Production/Crops	163.7	207.4	176.1
Cash Grains	2.5	3.7	2.4
Rice	1.9	2.6	1.6
Other Cash Grains	0.6	1.1	0.8
Field Crops Except Grains	12.4	13.5	11.2
Cotton	6.8	3.8	6.4
Other Field Crops	5.6	9.7	4.8
Vegetables and Melons	38.1	44.3	32.4
Total Fruits and Tree Nuts	59.2	91.9	70.7
Berries	12.6	15.1	12.1
Grapes	23.4	40.9	27.3
Tree Nuts	6.6	8.6	9.7
Citrus Fruits	1.9	2.6	4.8
Deciduous Tree Fruit	7.1	12.6	9.1
Other Fruits & Nuts	7.6	12.1	7.7
Total Horticultural Specialties	33.3	32.2	37.0
Ornamental Floral & Nursery	30.6	30.4	33.5
Food Crops Grown Under Cover	2.7	1.8	3.5
General Farm Primarily Crop	18.2	21.8	22.4
Agricultural Production/Livestock	21.2	19.4	28.8
Beef Cattle Feed Lots	1.4	1.1	0.8
Beef Cattle Except Feed Lots	1.7	1.8	3.5
Dairy Farms	12.1	12.5	16.2
Chicken Eggs	0.7	1.3	2.3
Turkey & Turkey Eggs	0.9	0.3	1.0
Other Livestock	4.4	2.4	5.0
Total Agricultural Services	156.9	183.2	150.3
Soil Preparation Services	1.3	2.1	1.4
Crop Services	49.9	53.8	47.2
Plant Cultivate & Protection	8.7	6.0	5.3
Harvest Primarily by Machine	6.1	9.6	5.8
Preparation Services for Market	33.0	36.4	34.2
Cotton Ginning	2.1	1.8	1.9
Total Farm Labor & Management	105.7	127.3	101.7
Farm Labor Contractors	99.8	114.9	92.5
Farm Management Services	5.9	12.4	9.2

Average Hourly Earnings (In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.00	8.25	8.12
Total Agricultural Production/Crops	8.20	8.13	8.00
Cash Grains	8.18	8.25	8.13
Rice	8.30	8.40	8.21
Other Cash Grains	8.06	8.09	8.04
Field Crops Except Grains	8.27	7.95	7.90
Cotton	8.23	7.67	7.64
Other Field Crops	8.32	8.22	8.16
Vegetables and Melons	8.30	8.21	7.96
Total Fruits and Tree Nuts	8.00	8.00	7.86
Berries	7.98	7.78	7.43
Grapes	8.11	8.05	8.07
Tree Nuts	7.69	7.93	7.95
Citrus Fruits	8.08	8.07	7.83
Deciduous Tree Fruit	7.77	7.82	7.66
Other Fruits & Nuts	8.39	8.36	8.23
Total Horticultural Specialties	8.31	8.20	8.17
Ornamental Floral & Nursery	8.30	8.30	8.21
Food Crops Grown Under Cover	8.32	8.11	8.13
General Farm Primarily Crop	8.13	8.19	7.96
Agricultural Production/Livestock	8.14	8.07	8.04
Beef Cattle Feed Lots	8.11	8.15	8.30
Beef Cattle Except Feed Lots	8.38	8.17	8.28
Dairy Farms	8.60	8.63	8.62
Chicken Eggs	7.41	7.33	7.14
Turkey & Turkey Eggs	7.94	7.97	7.82
Other Livestock	8.38	8.16	8.11
Total Agricultural Services	7.67	8.55	8.33
Soil Preparation Services	5.93	8.64	8.46
Crop Services	8.74	8.73	8.48
Plant Cultivate & Protection	8.50	8.53	8.49
Harvest Primarily by Machine	8.59	8.70	8.33
Preparation Services for Market	8.22	8.13	8.01
Cotton Ginning	9.64	9.57	9.09
Total Farm Labor & Management	8.35	8.27	8.05
Farm Labor Contractors	8.13	8.06	7.83
Farm Management Services	8.58	8.49	8.27

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	59.4	67.9	57.9
Total Agricultural Production/Crops	34.0	39.1	34.1
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	1.1	3.6	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	1.1	3.6	0.2
Vegetables and Melons	13.4	16.4	14.4
Total Fruits and Tree Nuts	8.9	10.2	7.7
Berries	6.9	6.8	6.0
Grapes	0.4	2.3	0.9
Tree Nuts	0.0	0.0	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.0	0.1	0.4
Other Fruits & Nuts	1.6	1.0	0.2
Total Horticultural Specialties	9.3	8.1	9.9
Ornamental Floral & Nursery	7.2	7.2	7.7
Food Crops Grown Under Cover	2.1	0.9	2.2
General Farm Primarily Crop	1.3	0.8	1.9
Agricultural Production/Livestock	0.1	0.1	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.1	0.1	0.4
Total Agricultural Services	25.3	28.7	22.8
Soil Preparation Services	0.2	0.2	0.2
Crop Services	12.5	15.5	9.1
Plant Cultivate & Protection	0.7	1.0	0.4
Harvest Primarily by Machine	4.2	6.3	1.6
Preparation Services for Market	7.6	8.2	7.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	12.6	13.0	13.5
Farm Labor Contractors	12.5	11.3	12.2
Farm Management Services	0.1	1.7	1.3

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.28	8.25	8.14
Total Agricultural Production/Crops	8.39	8.39	8.21
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.33	8.42	8.32
Cotton	na	na	na
Other Field Crops	8.33	8.42	8.32
Vegetables and Melons	8.59	8.46	8.16
Total Fruits and Tree Nuts	8.56	8.22	8.08
Berries	8.58	8.11	7.96
Grapes	8.34	8.07	8.10
Tree Nuts	na	na	8.67
Citrus Fruits	na	na	na
Deciduous Tree Fruit	na	8.17	7.29
Other Fruits & Nuts	8.77	8.53	8.39
Total Horticultural Specialties	8.47	8.46	8.42
Ornamental Floral & Nursery	8.58	8.52	8.61
Food Crops Grown Under Cover	8.35	8.39	8.22
General Farm Primarily Crop	8.02	8.38	8.06
Agricultural Production/Livestock	7.71	7.82	7.97
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.28
Dairy Farms	na	na	8.63
Chicken Eggs	na	na	7.09
Turkey & Turkey Eggs	na	na	7.82
Other Livestock	7.71	7.82	8.04
Total Agricultural Services	8.75	8.55	8.25
Soil Preparation Services	9.00	8.88	7.96
Crop Services	8.66	8.53	8.53
Plant Cultivate & Protection	8.60	8.24	8.10
Harvest Primarily by Machine	9.10	9.10	9.05
Preparation Services for Market	8.27	8.24	8.45
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.59	8.24	8.25
Farm Labor Contractors	8.36	7.76	7.91
Farm Management Services	8.82	8.72	8.59

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	26.0	24.6	28.2
Total Agricultural Production/Crops	9.9	8.7	11.7
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.3	1.5	1.4
Cotton	0.0	0.0	0.1
Other Field Crops	1.3	1.5	1.3
Vegetables and Melons	4.5	3.2	3.0
Total Fruits and Tree Nuts	1.6	1.1	3.7
Berries	0.0	0.0	0.0
Grapes	0.8	0.7	1.0
Tree Nuts	0.4	0.0	0.3
Citrus Fruits	0.2	0.2	1.0
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.2	0.2	1.3
Total Horticultural Specialties	1.4	2.0	1.7
Ornamental Floral & Nursery	1.4	1.7	1.6
Food Crops Grown Under Cover	0.0	0.3	0.1
General Farm Primarily Crop	1.1	0.9	1.8
Agricultural Production/Livestock	4.8	4.0	5.6
Beef Cattle Feed Lots	1.2	0.7	0.3
Beef Cattle Except Feed Lots	0.9	0.8	0.6
Dairy Farms	1.4	1.1	2.9
Chicken Eggs	0.4	0.9	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.9	0.5	0.6
Total Agricultural Services	11.3	11.9	10.9
Soil Preparation Services	0.0	0.0	0.2
Crop Services	2.9	3.0	3.6
Plant Cultivate & Protection	0.1	0.1	0.4
Harvest Primarily by Machine	0.1	0.3	0.7
Preparation Services for Market	2.7	2.6	2.3
Cotton Ginning	0.0	0.0	0.2
Total Farm Labor & Management	8.4	8.9	7.1
Farm Labor Contractors	7.9	8.4	6.4
Farm Management Services	0.5	0.5	0.7

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.15	8.15	8.09
Total Agricultural Production/Crops	8.17	8.17	7.80
Cash Grains	na	na	7.83
Rice	na	na	na
Other Cash Grains	na	na	7.83
Field Crops Except Grains	8.63	8.62	7.89
Cotton	na	na	7.77
Other Field Crops	8.63	8.62	8.01
Vegetables and Melons	8.19	8.06	7.62
Total Fruits and Tree Nuts	7.93	8.02	7.75
Berries	na	na	na
Grapes	7.63	7.51	7.66
Tree Nuts	7.31	na	7.00
Citrus Fruits	8.32	8.11	7.82
Deciduous Tree Fruit	na	na	7.66
Other Fruits & Nuts	8.46	8.45	8.60
Total Horticultural Specialties	7.80	7.93	8.00
Ornamental Floral & Nursery	7.80	7.87	7.88
Food Crops Grown Under Cover	na	7.98	8.11
General Farm Primarily Crop	8.32	8.21	7.71
Agricultural Production/Livestock	7.99	7.89	8.01
Beef Cattle Feed Lots	8.00	8.17	8.34
Beef Cattle Except Feed Lots	8.26	7.84	8.28
Dairy Farms	8.59	8.66	8.57
Chicken Eggs	7.28	7.06	7.28
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.81	7.71	7.59
Total Agricultural Services	8.29	8.40	8.47
Soil Preparation Services	na	na	8.88
Crop Services	8.40	8.48	8.26
Plant Cultivate & Protection	8.31	8.40	8.27
Harvest Primarily by Machine	8.61	9.03	8.00
Preparation Services for Market	8.27	8.00	7.67
Cotton Ginning	na	na	9.10
Total Farm Labor & Management	8.19	8.33	8.27
Farm Labor Contractors	7.99	8.29	8.49
Farm Management Services	8.38	8.36	8.04

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	11.6	21.7	14.4
Total Agricultural Production/Crops	8.1	14.7	9.9
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	2.6	2.8	0.2
Total Fruits and Tree Nuts	4.9	11.0	7.9
Berries	0.0	0.0	0.0
Grapes	4.5	10.3	7.1
Tree Nuts	0.0	0.0	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.5	0.5
Other Fruits & Nuts	0.2	0.2	0.1
Total Horticultural Specialties	0.5	0.3	1.4
Ornamental Floral & Nursery	0.5	0.3	1.3
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	0.1	0.6	0.3
Agricultural Production/Livestock	1.1	0.9	1.8
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.0	0.1	0.2
Dairy Farms	0.9	0.8	0.9
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.0	0.4
Total Agricultural Services	2.4	6.1	2.7
Soil Preparation Services	0.0	0.0	0.1
Crop Services	0.0	0.0	0.3
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.4	6.1	2.3
Farm Labor Contractors	0.1	0.2	0.6
Farm Management Services	2.3	5.9	1.7

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.61	8.48	8.26
Total Agricultural Production/Crops	8.48	8.53	8.29
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.16
Cotton	na	na	na
Other Field Crops	na	na	8.16
Vegetables and Melons	8.58	8.68	8.27
Total Fruits and Tree Nuts	8.57	8.57	8.56
Berries	na	na	na
Grapes	8.52	8.53	8.68
Tree Nuts	na	na	8.50
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.50	8.50	8.58
Other Fruits & Nuts	8.70	8.67	8.48
Total Horticultural Specialties	8.60	8.59	8.40
Ornamental Floral & Nursery	8.60	8.59	8.68
Food Crops Grown Under Cover	na	na	8.11
General Farm Primarily Crop	8.18	8.28	8.08
Agricultural Production/Livestock	8.69	8.34	8.09
Beef Cattle Feed Lots	na	na	8.43
Beef Cattle Except Feed Lots	na	8.01	8.02
Dairy Farms	8.32	8.30	8.54
Chicken Eggs	na	na	7.28
Turkey & Turkey Eggs	na	na	7.82
Other Livestock	9.06	8.71	8.43
Total Agricultural Services	8.65	8.58	8.39
Soil Preparation Services	na	na	8.39
Crop Services	na	na	8.45
Plant Cultivate & Protection	na	na	8.57
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.45
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.65	8.58	8.32
Farm Labor Contractors	8.37	8.35	7.92
Farm Management Services	8.92	8.81	8.72

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	54.0	61.9	57.8
Total Agricultural Production/Crops	36.6	41.1	40.7
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.2	1.1	0.3
Cotton	0.0	0.0	0.1
Other Field Crops	1.2	1.1	0.2
Vegetables and Melons	8.1	6.5	8.9
Total Fruits and Tree Nuts	9.1	15.0	10.4
Berries	5.6	7.4	5.5
Grapes	1.1	1.9	1.8
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.8	1.0	1.5
Deciduous Tree Fruit	0.1	0.1	0.1
Other Fruits & Nuts	1.5	4.6	1.4
Total Horticultural Specialties	16.6	17.1	17.7
Ornamental Floral & Nursery	16.0	16.5	16.9
Food Crops Grown Under Cover	0.6	0.6	0.8
General Farm Primarily Crop	1.6	1.4	3.3
Agricultural Production/Livestock	1.1	0.5	2.0
Beef Cattle Feed Lots	0.1	0.1	0.0
Beef Cattle Except Feed Lots	0.2	0.2	0.3
Dairy Farms	0.0	0.0	0.2
Chicken Eggs	0.0	0.0	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.8	0.2	1.1
Total Agricultural Services	16.3	20.3	15.1
Soil Preparation Services	0.0	0.2	0.1
Crop Services	1.7	2.6	3.1
Plant Cultivate & Protection	0.5	0.4	0.5
Harvest Primarily by Machine	0.0	0.0	0.7
Preparation Services for Market	1.2	2.2	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	14.6	17.5	11.9
Farm Labor Contractors	13.7	15.7	10.9
Farm Management Services	0.9	1.8	1.0

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	7.42	8.28	8.18
Total Agricultural Production/Crops	8.23	8.09	8.18
Cash Grains	na	na	8.67
Rice	na	na	na
Other Cash Grains	na	na	8.67
Field Crops Except Grains	8.37	8.21	8.13
Cotton	na	na	7.64
Other Field Crops	8.37	8.21	8.61
Vegetables and Melons	8.09	7.90	8.00
Total Fruits and Tree Nuts	8.05	7.91	7.90
Berries	7.95	7.19	7.76
Grapes	8.42	8.21	8.15
Tree Nuts	na	na	7.41
Citrus Fruits	8.40	8.46	8.36
Deciduous Tree Fruit	7.25	7.25	7.32
Other Fruits & Nuts	8.24	8.46	8.41
Total Horticultural Specialties	8.43	8.21	8.35
Ornamental Floral & Nursery	8.58	8.47	8.12
Food Crops Grown Under Cover	8.28	7.95	8.57
General Farm Primarily Crop	8.20	8.21	8.05
Agricultural Production/Livestock	8.45	8.28	8.12
Beef Cattle Feed Lots	8.05	8.00	na
Beef Cattle Except Feed Lots	8.73	8.67	8.62
Dairy Farms	na	na	8.56
Chicken Eggs	na	na	7.13
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.58	8.17	8.17
Total Agricultural Services	5.57	8.47	8.23
Soil Preparation Services	0.00	8.54	8.76
Crop Services	8.55	8.52	8.18
Plant Cultivate & Protection	8.89	8.80	8.74
Harvest Primarily by Machine	na	na	8.00
Preparation Services for Market	8.21	8.23	7.80
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.16	8.35	7.75
Farm Labor Contractors	7.83	8.13	7.50
Farm Management Services	8.48	8.57	8.00

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	169.7	203.2	173.2
Total Agricultural Production/Crops	61.1	83.2	63.4
Cash Grains	0.8	0.8	0.4
Rice	0.6	0.7	0.1
Other Cash Grains	0.2	0.1	0.3
Field Crops Except Grains	8.3	7.1	8.6
Cotton	6.8	3.8	6.2
Other Field Crops	1.5	3.3	2.4
Vegetables and Melons	7.3	13.0	4.5
Total Fruits and Tree Nuts	29.1	44.9	33.4
Berries	0.1	0.0	0.1
Grapes	16.2	25.3	15.9
Tree Nuts	4.5	6.2	6.2
Citrus Fruits	0.9	1.4	2.3
Deciduous Tree Fruit	3.9	8.6	5.2
Other Fruits & Nuts	3.5	3.4	3.7
Total Horticultural Specialties	3.8	2.6	4.5
Ornamental Floral & Nursery	3.8	2.6	4.3
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	11.8	14.8	12.0
Agricultural Production/Livestock	13.4	12.7	16.9
Beef Cattle Feed Lots	0.1	0.3	0.4
Beef Cattle Except Feed Lots	0.4	0.5	1.6
Dairy Farms	9.7	10.1	11.6
Chicken Eggs	0.3	0.4	0.5
Turkey & Turkey Eggs	0.9	0.3	0.8
Other Livestock	2.0	1.1	2.0
Total Agricultural Services	95.2	107.3	92.9
Soil Preparation Services	1.1	1.7	0.7
Crop Services	29.3	28.3	28.5
Plant Cultivate & Protection	6.4	3.6	3.5
Harvest Primarily by Machine	1.5	2.2	2.5
Preparation Services for Market	19.3	20.7	20.8
Cotton Ginning	2.1	1.8	1.7
Total Farm Labor & Management	64.8	77.3	63.7
Farm Labor Contractors	62.7	74.9	59.6
Farm Management Services	2.1	2.4	4.1

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.24	8.18	8.05
Total Agricultural Production/Crops	8.03	8.00	7.82
Cash Grains	8.13	8.12	8.01
Rice	8.29	8.25	8.32
Other Cash Grains	7.96	7.98	7.69
Field Crops Except Grains	8.26	7.75	7.63
Cotton	8.23	7.67	7.51
Other Field Crops	8.29	7.83	7.74
Vegetables and Melons	8.18	8.23	7.87
Total Fruits and Tree Nuts	7.70	7.80	7.36
Berries	7.40	na	6.83
Grapes	7.81	8.06	7.59
Tree Nuts	7.92	8.17	7.88
Citrus Fruits	7.53	7.63	7.31
Deciduous Tree Fruit	7.58	7.43	7.09
Other Fruits & Nuts	7.94	7.72	7.43
Total Horticultural Specialties	8.01	8.05	7.89
Ornamental Floral & Nursery	8.01	8.05	8.12
Food Crops Grown Under Cover	na	na	7.65
General Farm Primarily Crop	7.92	8.08	8.20
Agricultural Production/Livestock	8.23	8.19	8.12
Beef Cattle Feed Lots	8.27	8.27	8.13
Beef Cattle Except Feed Lots	8.19	8.10	8.46
Dairy Farms	8.82	8.80	8.84
Chicken Eggs	7.54	7.59	6.90
Turkey & Turkey Eggs	7.94	7.97	7.82
Other Livestock	8.61	8.42	8.59
Total Agricultural Services	8.46	8.35	8.20
Soil Preparation Services	8.80	8.50	8.39
Crop Services	8.50	8.60	8.42
Plant Cultivate & Protection	8.22	8.51	8.71
Harvest Primarily by Machine	8.12	8.18	8.27
Preparation Services for Market	8.00	8.12	7.62
Cotton Ginning	9.64	9.57	9.07
Total Farm Labor & Management	8.09	7.95	7.80
Farm Labor Contractors	7.89	7.69	7.46
Farm Management Services	8.28	8.21	8.14

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	21.1	30.7	23.6
Total Agricultural Production/Crops	14.0	20.6	16.2
Cash Grains	1.7	2.9	1.8
Rice	1.3	1.9	1.5
Other Cash Grains	0.4	1.0	0.3
Field Crops Except Grains	0.5	0.2	0.6
Cotton	0.0	0.0	0.0
Other Field Crops	0.5	0.2	0.6
Vegetables and Melons	2.2	2.4	1.4
Total Fruits and Tree Nuts	5.6	9.7	7.6
Berries	0.0	0.9	0.5
Grapes	0.4	0.4	0.6
Tree Nuts	1.7	2.4	2.7
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	2.9	3.3	2.8
Other Fruits & Nuts	0.6	2.7	1.0
Total Horticultural Specialties	1.7	2.1	1.7
Ornamental Floral & Nursery	1.7	2.1	1.7
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.3	3.3	3.1
Agricultural Production/Livestock	0.7	1.2	1.5
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.2	0.5
Dairy Farms	0.1	0.5	0.5
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.4	0.5	0.5
Total Agricultural Services	6.4	8.9	5.9
Soil Preparation Services	0.0	0.0	0.1
Crop Services	3.5	4.4	2.6
Plant Cultivate & Protection	1.0	0.9	0.4
Harvest Primarily by Machine	0.3	0.8	0.3
Preparation Services for Market	2.2	2.7	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.9	4.5	3.2
Farm Labor Contractors	2.9	4.4	2.8
Farm Management Services	0.0	0.1	0.4

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Nov 2001	Oct 2001	Nov 2000
Total Agriculture	8.34	8.25	8.09
Total Agricultural Production/Crops	8.11	8.09	7.93
Cash Grains	8.23	8.38	8.04
Rice	8.30	8.55	8.10
Other Cash Grains	8.15	8.20	7.97
Field Crops Except Grains	7.97	8.04	8.13
Cotton	na	na	na
Other Field Crops	7.97	8.04	8.13
Vegetables and Melons	8.17	7.92	7.82
Total Fruits and Tree Nuts	7.94	7.95	7.93
Berries	na	8.03	7.17
Grapes	7.91	7.93	8.21
Tree Nuts	7.83	7.68	8.21
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.75	7.76	8.00
Other Fruits & Nuts	8.25	8.34	8.04
Total Horticultural Specialties	8.24	8.28	7.98
Ornamental Floral & Nursery	8.24	8.28	7.84
Food Crops Grown Under Cover	na	na	8.11
General Farm Primarily Crop	8.12	7.98	7.68
Agricultural Production/Livestock	8.51	8.37	8.13
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.35	8.23	8.00
Dairy Farms	8.68	8.74	8.56
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.50	8.13	7.84
Total Agricultural Services	8.39	8.30	8.21
Soil Preparation Services	na	na	8.39
Crop Services	8.45	8.42	8.33
Plant Cultivate & Protection	8.48	8.71	8.56
Harvest Primarily by Machine	8.51	8.50	8.34
Preparation Services for Market	8.37	8.04	8.08
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.33	8.18	7.91
Farm Labor Contractors	8.33	8.11	7.67
Farm Management Services	na	8.24	8.15

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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